

Serial No. 10/519,367

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Amendments to the Claims:

8. (currently amended) A method for remote-controlled testing of a device, comprising:
providing data at a control unit, the data in a first format that corresponds to a transmission protocol used for an unsecured transmission of the data, the data having a command for testing the device to be tested;

transmitting the data toward the device to be tested and according to the unsecured transmission protocol;

converting the data from the first format into a second format, the second format corresponding to a transmission protocol used for a secured transmission of data;

transmitting the converted data in the second format toward the device to be tested and according to the secured transmission protocol;

converting the converted data in the second format back to the format corresponding to the first transmission protocol;

transmitting the converted data in the first format toward the device to be tested and according to the unsecured transmission protocol;

receiving the converted data in the first format by the device to be tested;

performing a test at the device to be tested by using the command in the received data;

providing a response data by the device to be tested, the response data having a result from the performed test and in the first format

transmitting the response data toward the control unit and according to the unsecured transmission protocol;

converting the response data from the first format into the second format;

transmitting the converted response data in the second format toward the control unit and according to the secured transmission protocol;

converting the converted response data in the second format back to the format corresponding to the first transmission protocol;

transmitting the converted response data in the first format toward the control unit and according to the unsecured transmission protocol;

receiving the converted response data in the first format by the ~~device to be tested~~control unit,

whereby the device to be tested is remotely tested.

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22. (currently amended) An arrangement for performing a method for remote-controlled testing of a device, comprising:

a control unit for sending data to the device to be tested,

the data in a first format that corresponds to a transmission protocol used for an unsecured transmission of the data,

the data having a command for testing the device to be tested;

two modules, arranged between the control unit and the device to be tested, for converting the data from a format corresponding to the transmission protocol used for the unsecured transmission of data to a format corresponding to a transmission protocol used for the secured transmission of data, and vice versa; and

a data transmission line for transmitting data according to the transmission protocol used for the secured transmission of data, wherein the data transmission line is arranged between two modules,

wherein transmission via the control unit and from the device to be tested is in the unsecured format,

wherein the data is transmitted toward the device to be tested and according to the unsecured transmission protocol,

wherein the data is converted from the first format into a second format, the second format corresponding to a transmission protocol used for a secured transmission of data,

wherein the converted data is transmitted in the second format toward the device to be tested and according to the secured transmission protocol,

wherein the converted data is converted in the second format back to the format corresponding to the first transmission protocol,

wherein the converted data is transmitted in the first format toward the device to be tested and according to the unsecured transmission protocol,

wherein the converted data is received in the first format by the device to be tested,

wherein a test is performed at the device to be tested by using the command in the received data,

wherein a response data is provided by the device to be tested, the response data having a result from the performed test and in the first format,

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wherein the response data is transmitted toward the control unit and according to the unsecured transmission protocol.

wherein the response data is converted from the first format into the second format.

wherein the converted response data is transmitted in the second format toward the control unit and according to the secured transmission protocol.

wherein the converted response data is converted in the second format back to the format corresponding to the first transmission protocol;

wherein the converted response data is transmitted in the first format toward the control unit and according to the unsecured transmission protocol.

wherein the converted response data in the first format is received by the control unit.

whereby the device to be tested is remotely tested.